

ABSTRACT

2 An Al/Cu/Mg/Mn alloy for the production of semi-finished
3 products with high static and dynamic strength properties has
4 the following composition: 0.3-0.7 wt % silicon (Si), max.
5 0.15 wt.% iron (Fe), 3.5-4.5 wt % copper (Cu), 0.1-0.5 wt. %
6 manganese (Mn), 0.3-0.8 wt. % magnesium (Mg), .05-0.15 wt %
7 titanium (Ti), 0.1-0.25 wt % zirconium (Zr), 0.3-0.7 wt. %
8 silver (Ag), max. 0.05 wt. % others individually, max 0.15
9 wt. % others globally, the remaining wt. % aluminum (Al).
10 The invention further relates to a semi-finished product made
11 for such an alloy and a method of production of a semi-
12 finished product made for such an alloy.

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